HIGH PERFORMANCE
PLATE BENDING MACHINES

Performance, Economy, Versatility, Reliability & Simplicity all in One

Versatile Construction, Wide Thickness Range and Time-Proven Design make 'Himalaya' Plate Bending Machines an attractive investment for any type of industry.
Plate bending machines have three rolls and linear guidance for the two bottom rolls. The top roll remains fixed and the bottom rolls move vertically (inclined). The two bottom rolls are power driven by planetary gearboxes with electric or hydraulic motors.

**Machine**
- Coaxial planetary gear drive
- Complete overload protection
- Convenient centralized controls
- Push button operated swing arm for removal of shell

**Performance**
- Highest degree of edge-bending can be achieved
- Edge bending is possible for both ends before or after the rolling operation
- It can pre-pin and roll the plate without removing the plate from the machine after first insertion
- Inclined movement of bottom rolls provides wider bending span as the plate thickness increases, and better grip for thinner plates

**Comfort & Peace of Mind**
- Easy to understand hydraulic and electrical system reduces down time
- Spare parts are rarely needed and easily available
- In large machines, planetary gearboxes are driven by multiple hydraulic motors, ensuring a balanced torque transmission
- All 6 roll ends are automatically lubricated by a centralized timer control lubrication system
- Tropicalised oil cooling system ensures non stop working in Indian summers

**Energy Saving**
- Energy saving is ensured in machines by a hydraulic system which can work at less than full capacity when jobs less than maximum thickness are rolled

**Versatility**
- Built-in cone bending without any extra attachment
- Many shapes like oil tankers and elliptical shells can be made

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